



## Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Sugar Hollow Farm Alpacas  
9955 Masters Rd, Waynesboro  
PA 17268, US

Date: 20-Jun-24  
Shear ID: 259830  
Test No: 618783

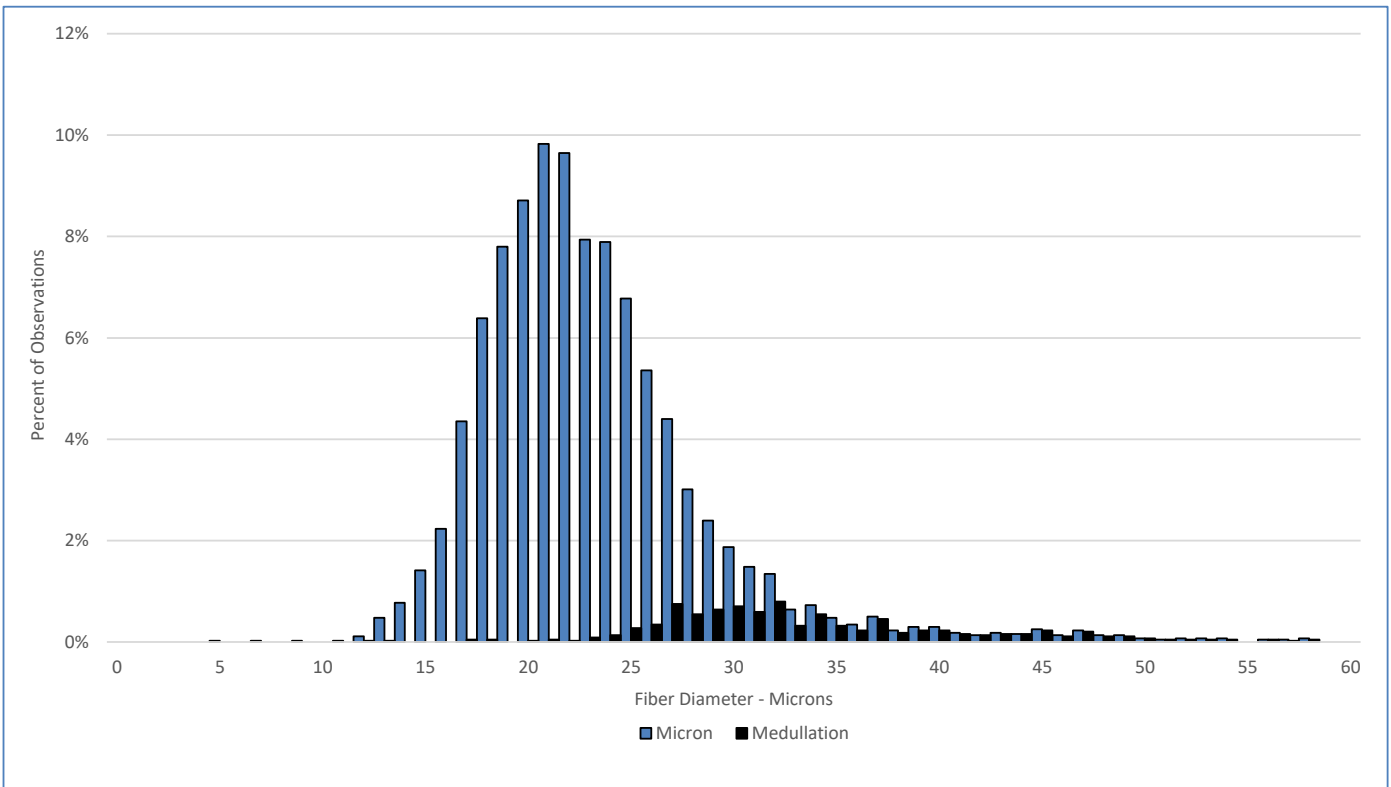
### Animal and Sample Description

Animal Name: BGF POSEIDON ISAAC'S MATOSKAH  
Registry #: 32350692  
Breed: Huacaya  
Sex: Male  
Colour: 202 - Light Fawn

Date of Birth (Age): 19-May-12  
Sample Location: GRID  
Sample Date: 1-May-24  
Previous Shear Date: 26-Apr-23  
Total Fleece Wt (lbs): 6.6

### Laboratory Data

Mean Fiber Diameter:	23.4 microns	Mean Staple Length:	79 mm
Standard Deviation:	6.0 microns	Length Standard Deviation:	1.0 mm
Coefficient of Variation:	25.8 %	Length Coefficient of Variation:	1.3 %
Spin Fineness:	23.8 microns	Mean Curvature:	49.9 deg/mm
Fibers Greater Than 30 microns:	8.5 %	SD Curvature:	37.1 deg/mm
Comfort Factor:	91.5 %	Medullated Fibers:	9.5 %



### Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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